

AERIAL LADDER ROLLER ASSEMBLY

ABSTRACT

[0026] An aerial ladder roller assembly to improve the function of the ladder during extension and retraction of sections of a multiple-section aerial ladder. One embodiment has a plurality of aligned apertures for rotatably mounting and a roller that is rotatably mounted in a housing. The housing has a roller pad and an aperture through which a roller extends. The housing is adapted for pivotal mounting at a point approximately central to the length of the axis. A roller is rotatably mounted in the housing on each side of the pivotal mounting point. A pair of rollers is rotatably mounted in the housing on each side of the pivotal mounting point. Also provided is a multiple-section ladder, having at least two nested sections with a housing having at least one roller is rotatably and pivotally mounted extending through an aperture. The slide plate of the second section juxtaposes the roller assembly.